

Title (en)

Method and apparatus for processing component signals to preserve high frequency intensity information.

Title (de)

Verfahren und Einrichtung zur Verarbeitung von komponenten Signalen zur Erhaltung hochfrequenter Intensitätsinformation.

Title (fr)

Procédé et dispositif de traitement des signaux composants pour la conservation d'information de l'intensité à haute fréquence.

Publication

EP 0391536 A1 19901010 (EN)

Application

EP 90302367 A 19900306

Priority

US 33482989 A 19890407

Abstract (en)

A video signal in component form is processed by generating two chroma component signals which have a selected bandwidth and are GAMMA corrected, generating a linear luminance component signal which has a greater bandwidth than the chroma component signals and is not GAMMA corrected, and GAMMA correcting the linear luminance component signal to provide a GAMMA-corrected luminance component signal having a greater bandwidth than the GAMMA-corrected chroma component signals.

IPC 1-7

H04N 9/09; H04N 9/64

IPC 8 full level

H04N 9/69 (2006.01)

CPC (source: EP US)

H04N 9/69 (2013.01 - EP US)

Citation (search report)

- [A] GB 1033413 A 19660622 - MARCONI CO LTD
- [A] US 2903506 A 19590908 - LIVINGSTON DONALD C

Cited by

EP0524822A3; KR20110033013A; CN102511166A; EP2481220A4; EP2779653A1

Designated contracting state (EPC)

DE FR GB NL

DOCDB simple family (publication)

EP 0391536 A1 19901010; EP 0391536 B1 19950201; DE 69016483 D1 19950316; DE 69016483 T2 19950928; JP H02294187 A 19901205; US 5008741 A 19910416

DOCDB simple family (application)

EP 90302367 A 19900306; DE 69016483 T 19900306; JP 9135390 A 19900405; US 33482989 A 19890407